

Fig. 1 Prior art

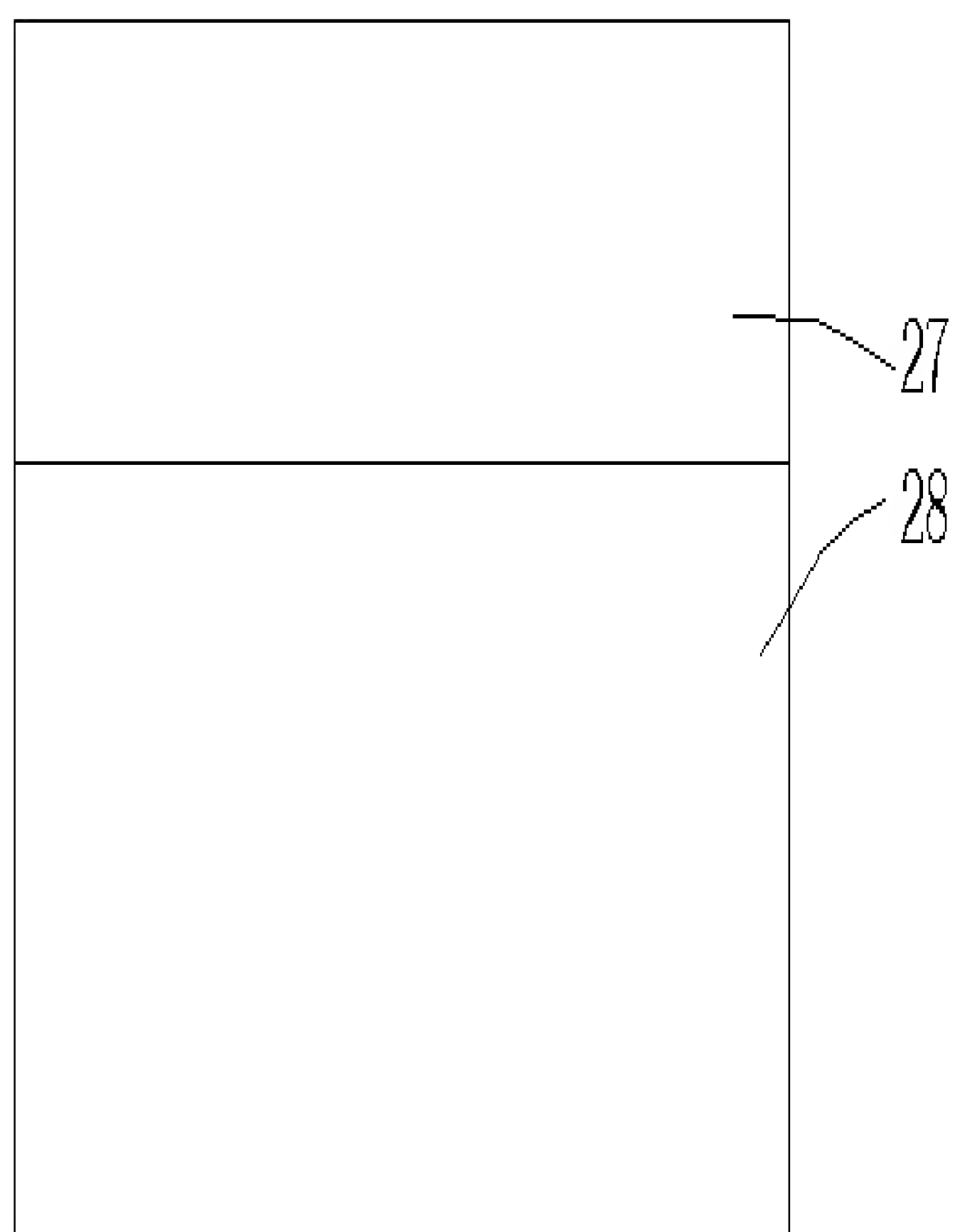


Fig. 2 Prior art

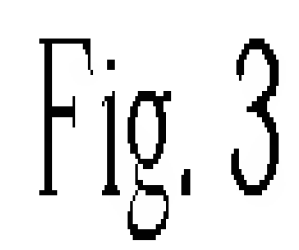


Fig. 3

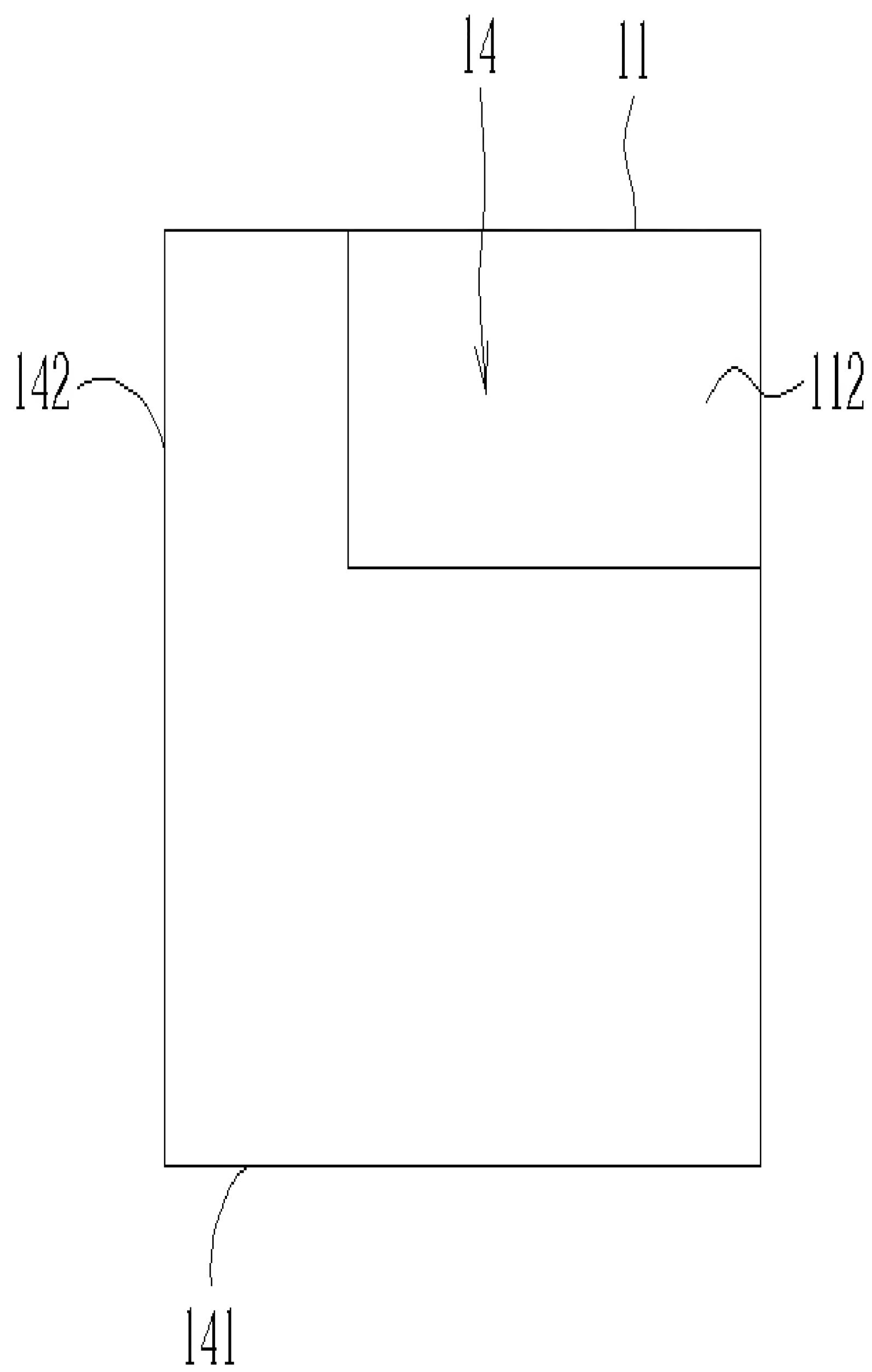


Fig. 4

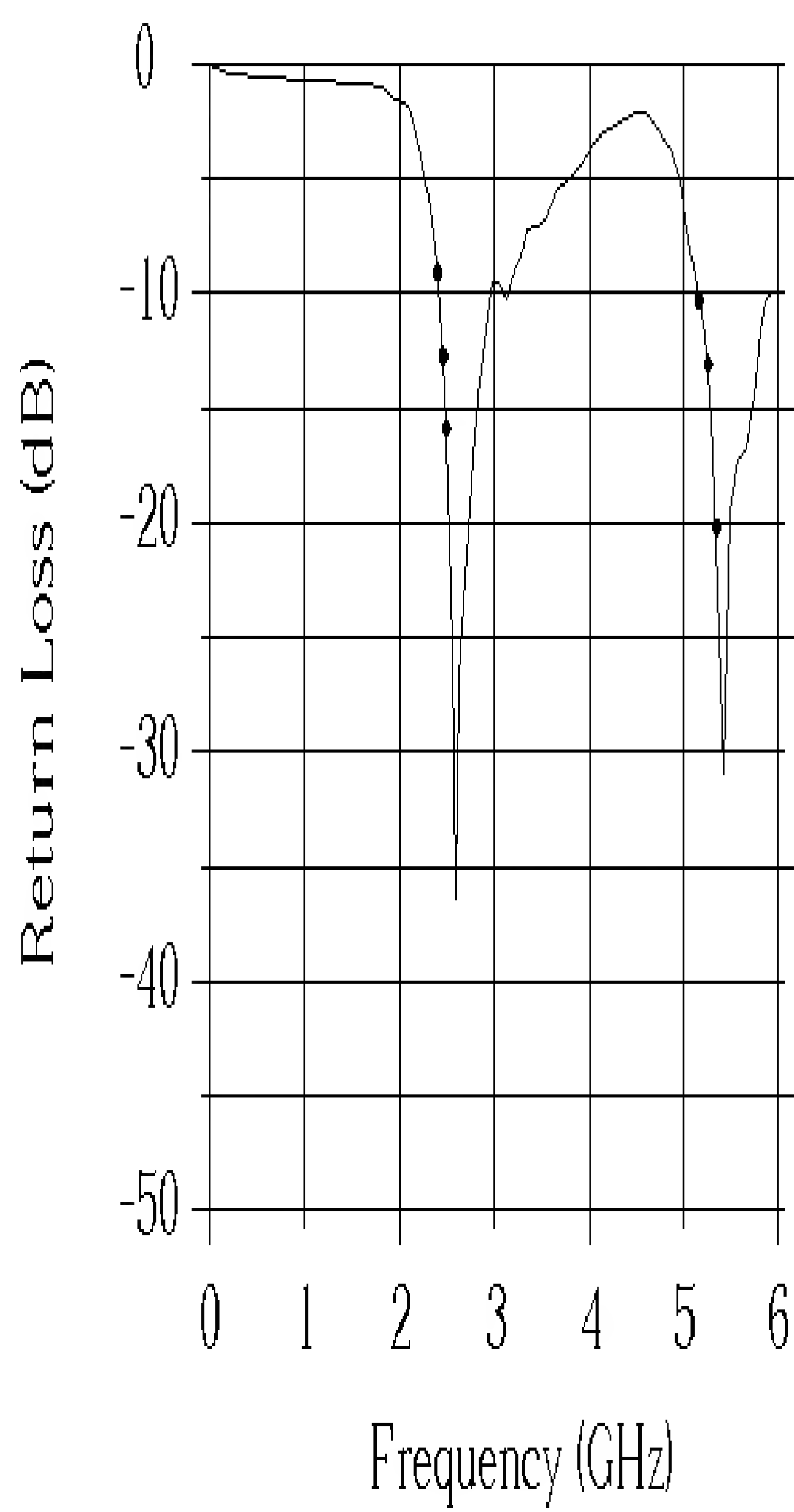


Fig. 5

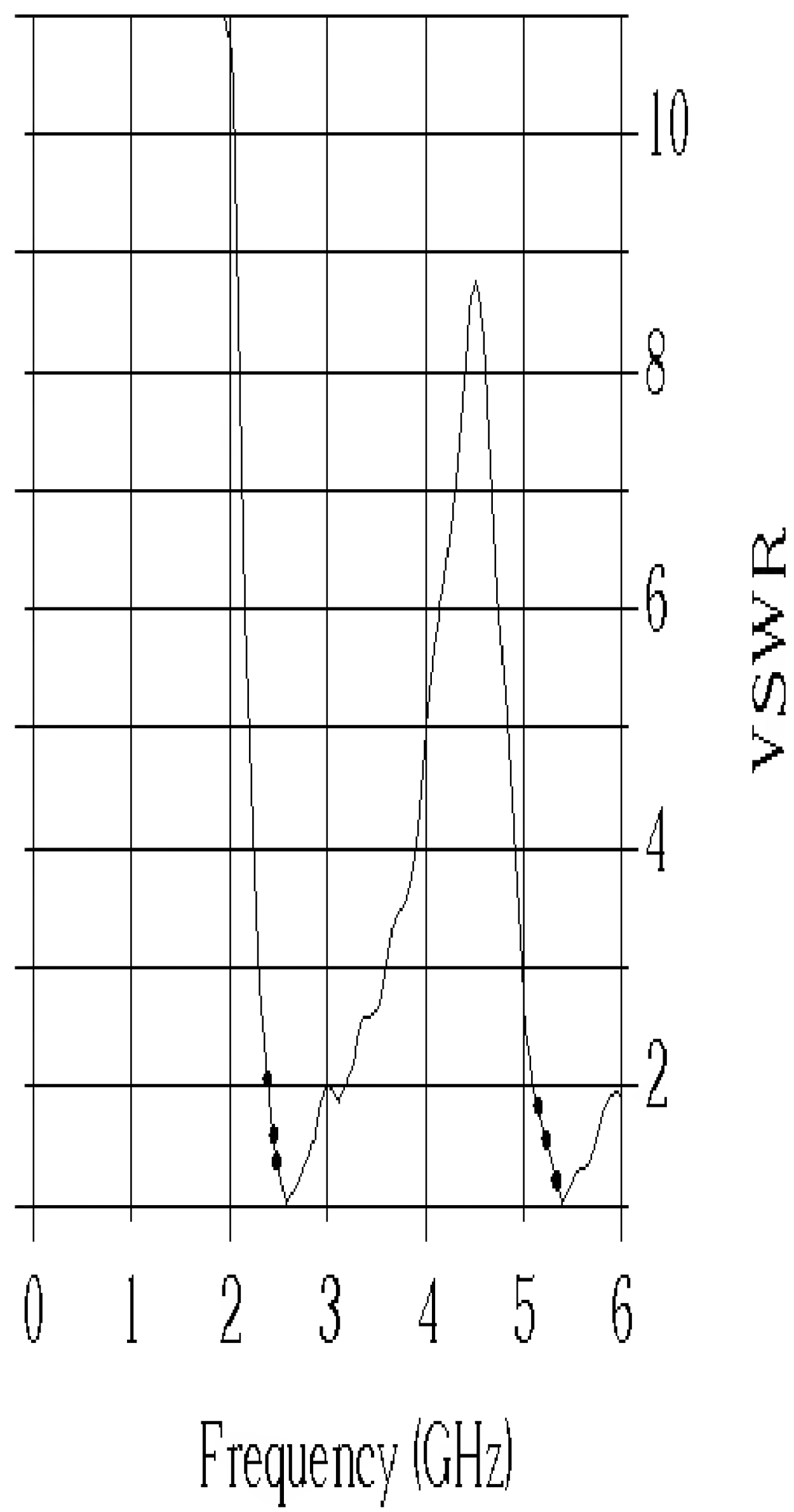


Fig. 6

Frequency (MHz)	2400	2450	2500	5150	5250	5350	5750	5850
Gain(dbi) H-Plane	-0.01	1.34	0.67	1.3	1.65	1.96	3.36	3.44
Gain(dbi) E-Plan	3.29	4.53	4.01	3.31	3.4 3	4.40	4.27	3.88

Fig. 7

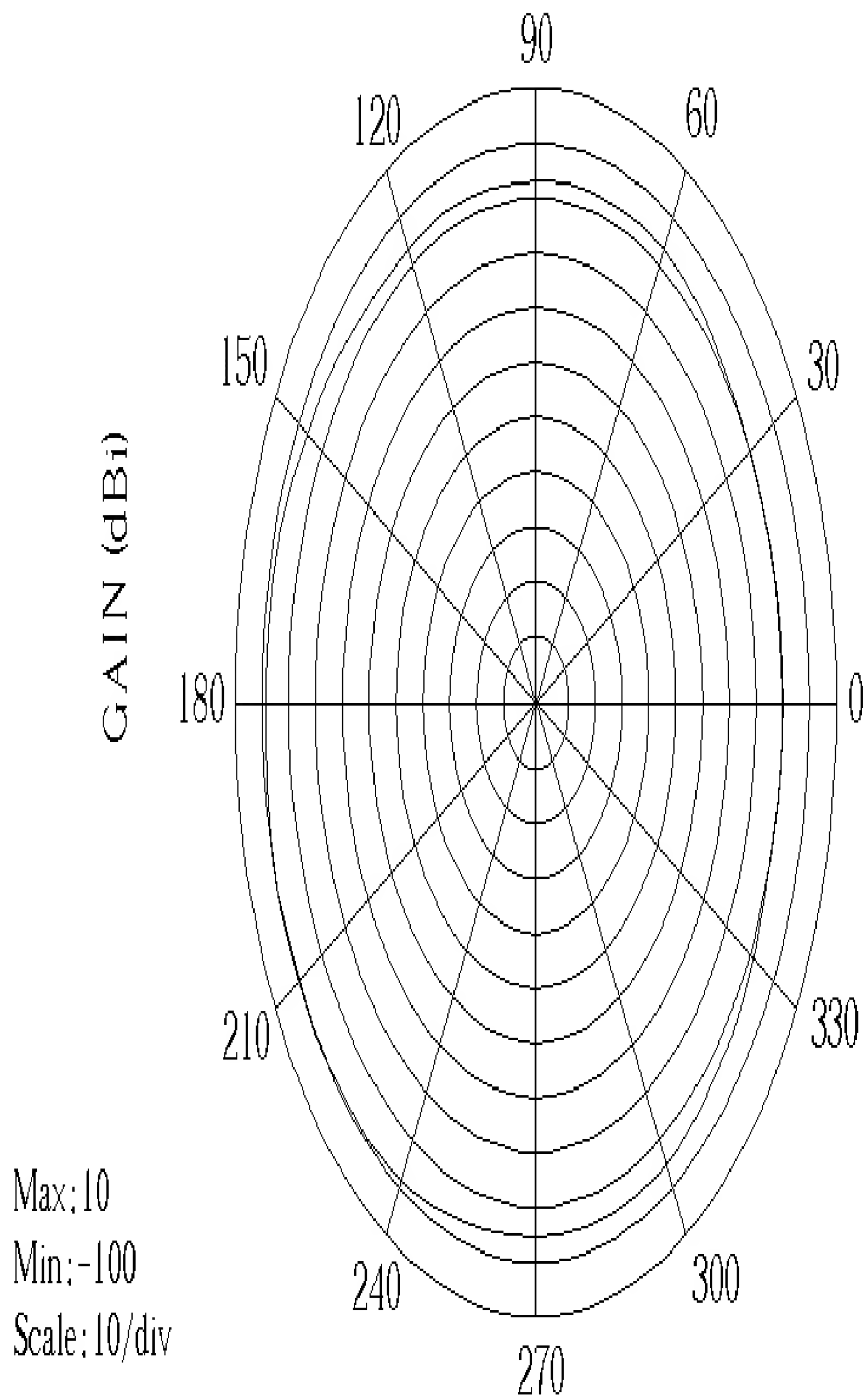
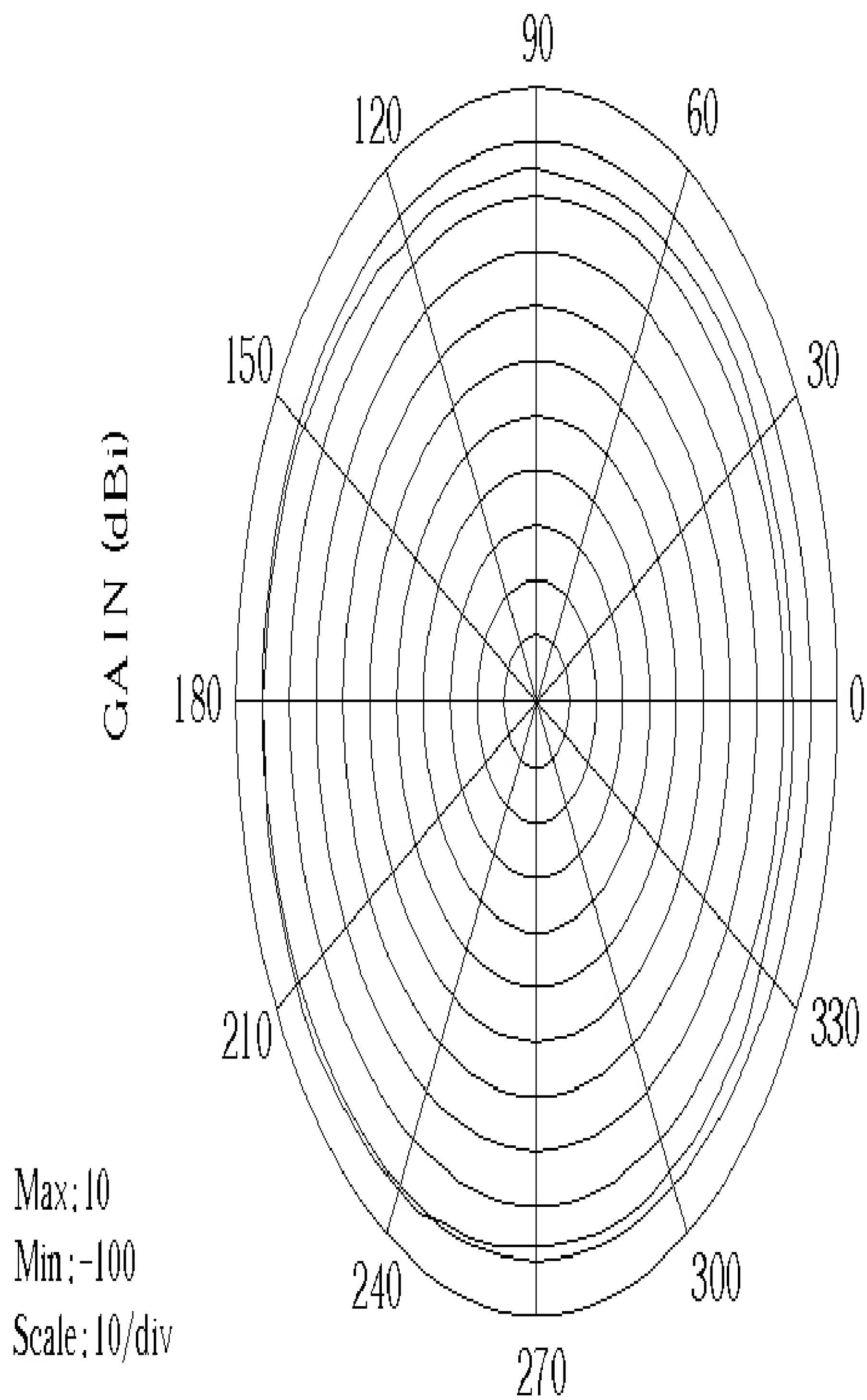


Fig. 8



Angle
Free-space GAIN, 2450.0 MHz
H-Plane_2450 MHz

Fig. 9

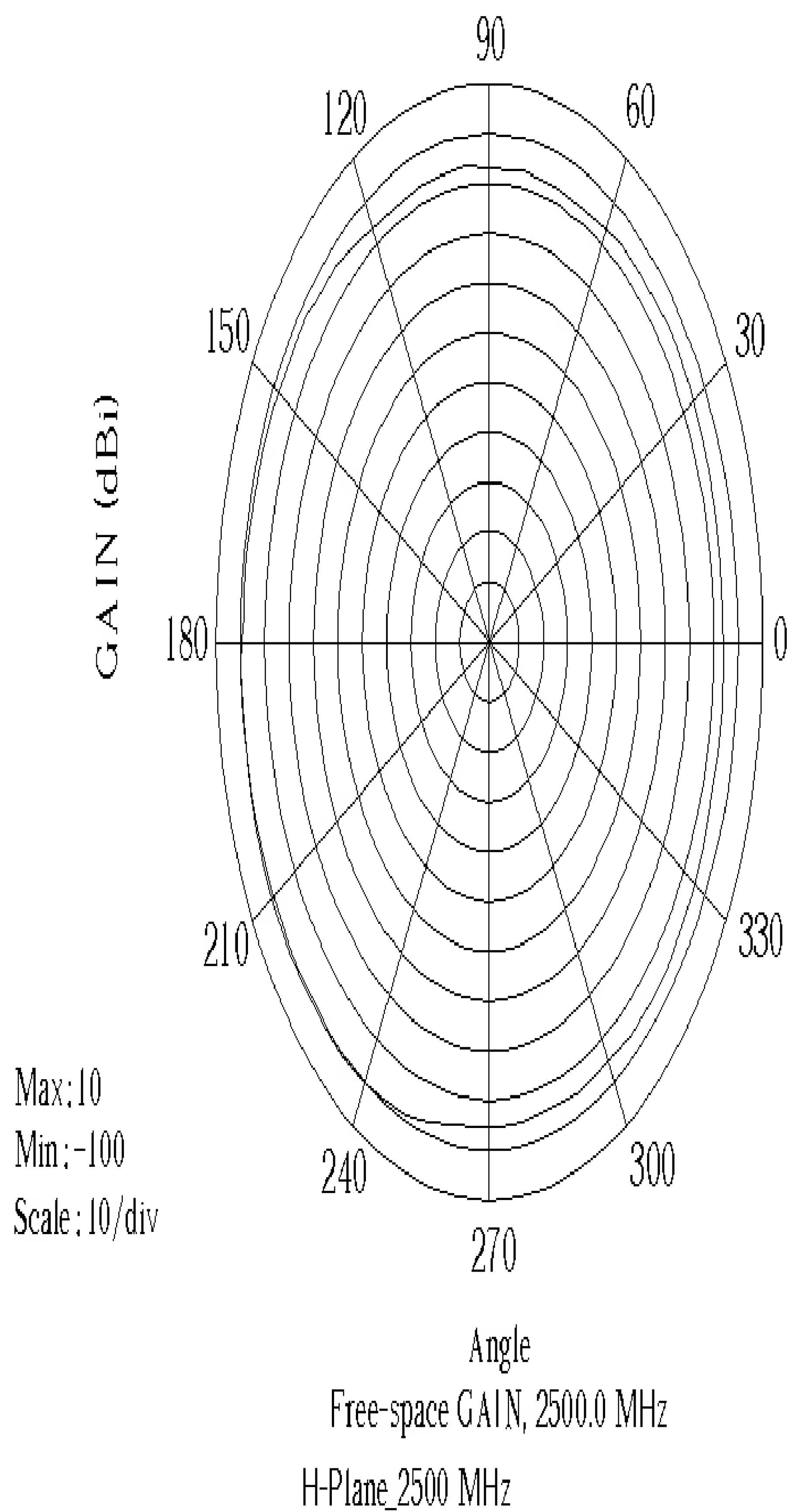
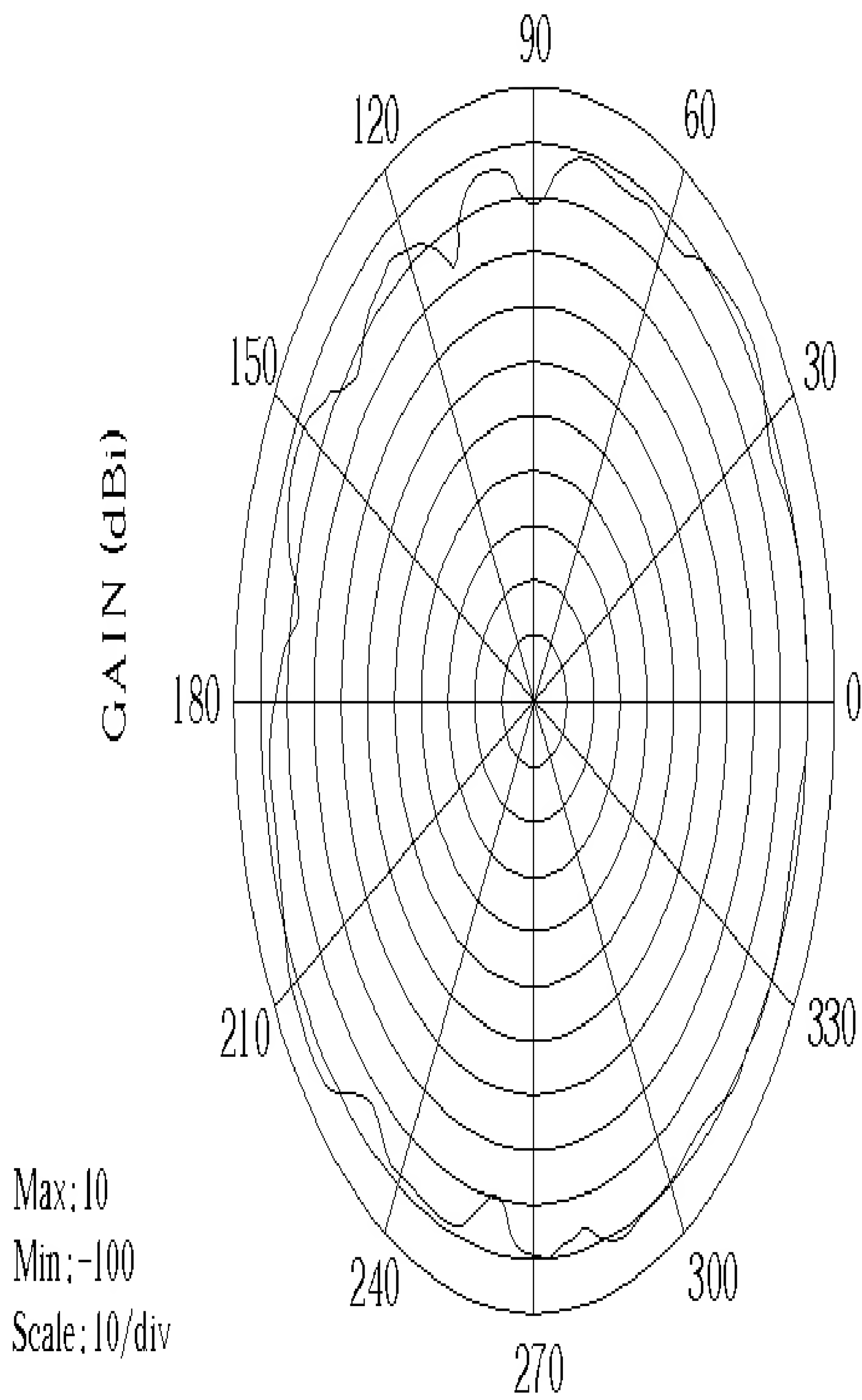


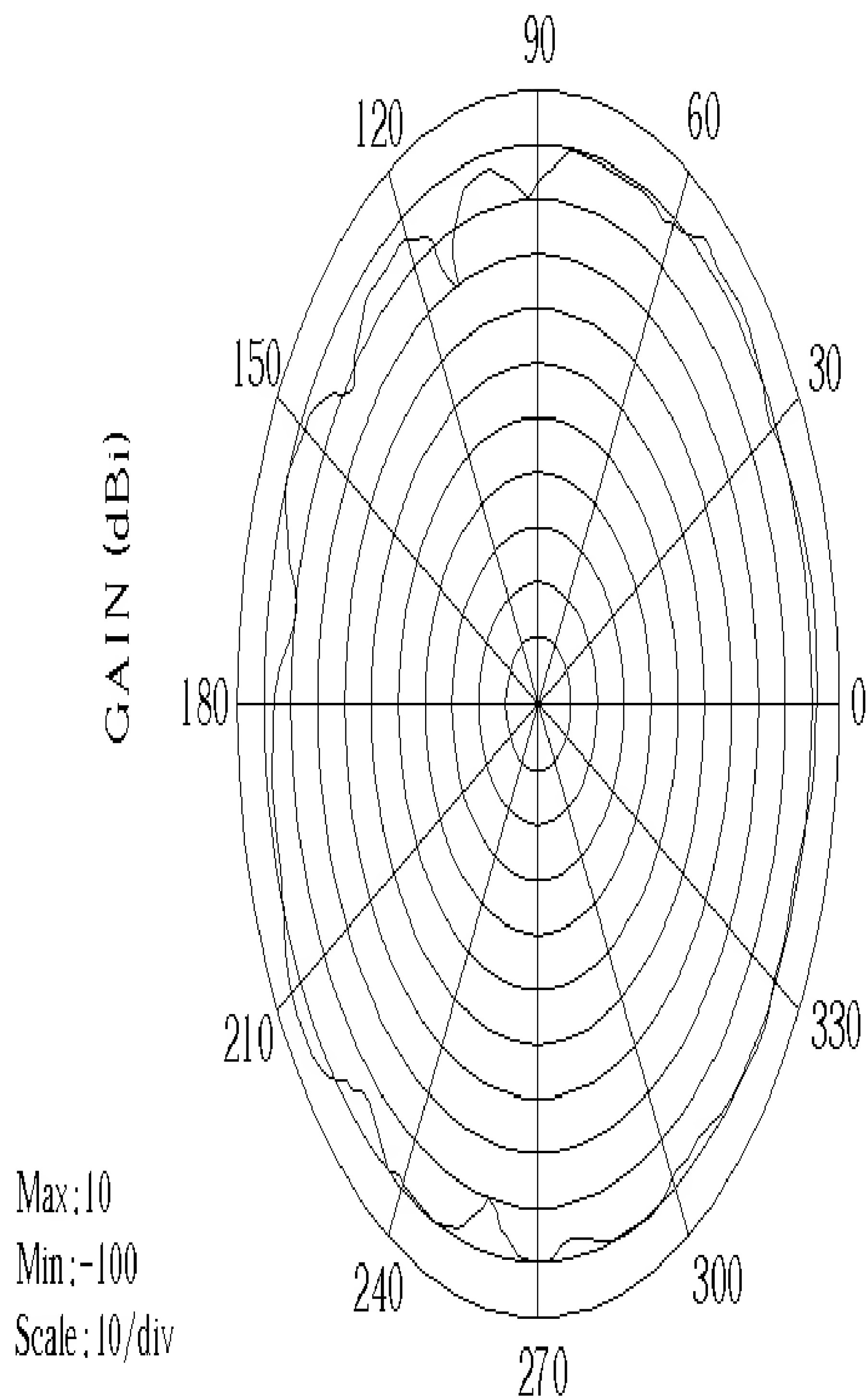
Fig. 10



Max: 10
Min: -100
Scale: 10/div

Angle
Free-space GAIN, 2400.0 MHz
E-Plane_2400 MHz

Fig. 11



Angle
Free-space GAIN, 2450.0 MHz
E-Plane_2450 MHz

Fig. 12

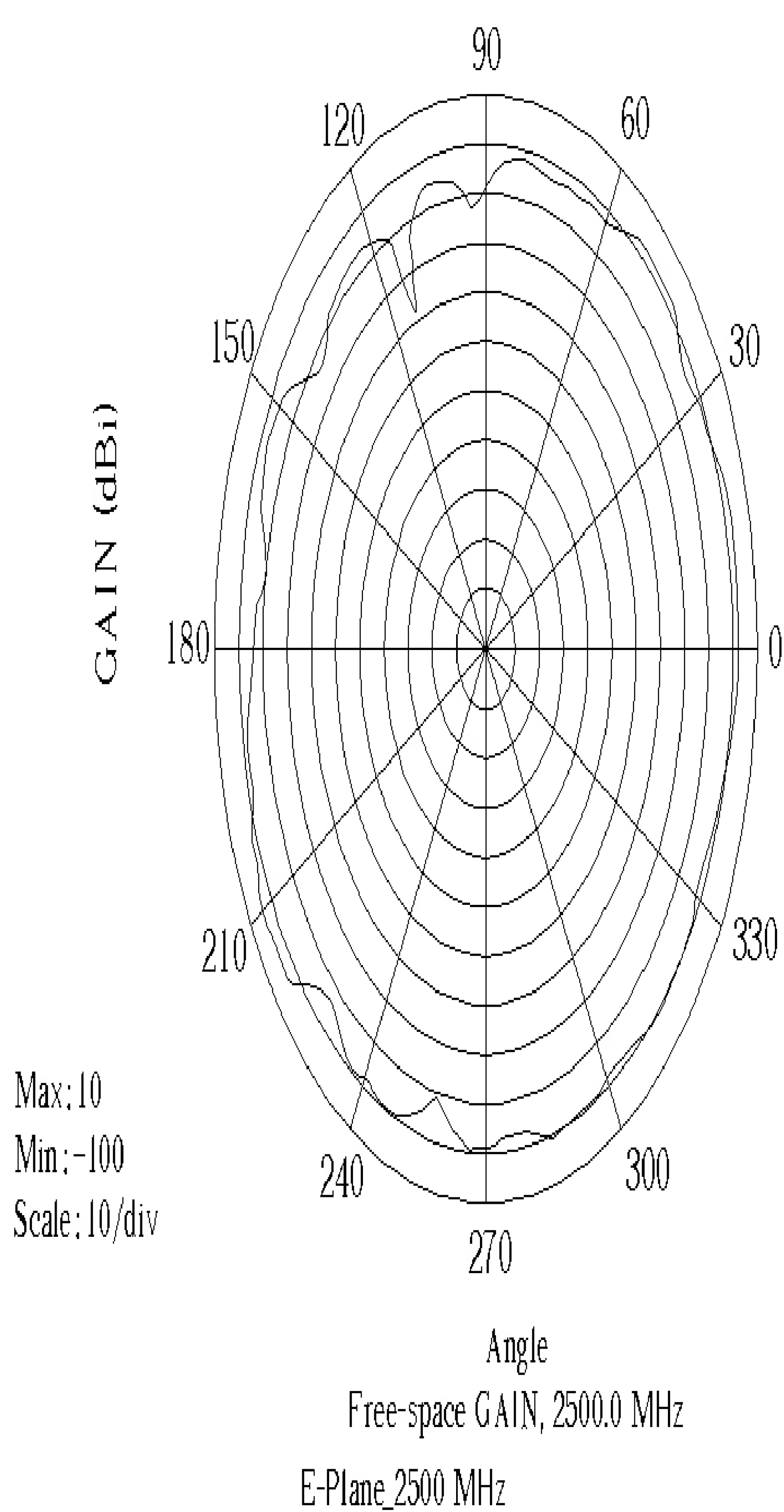


Fig. 13

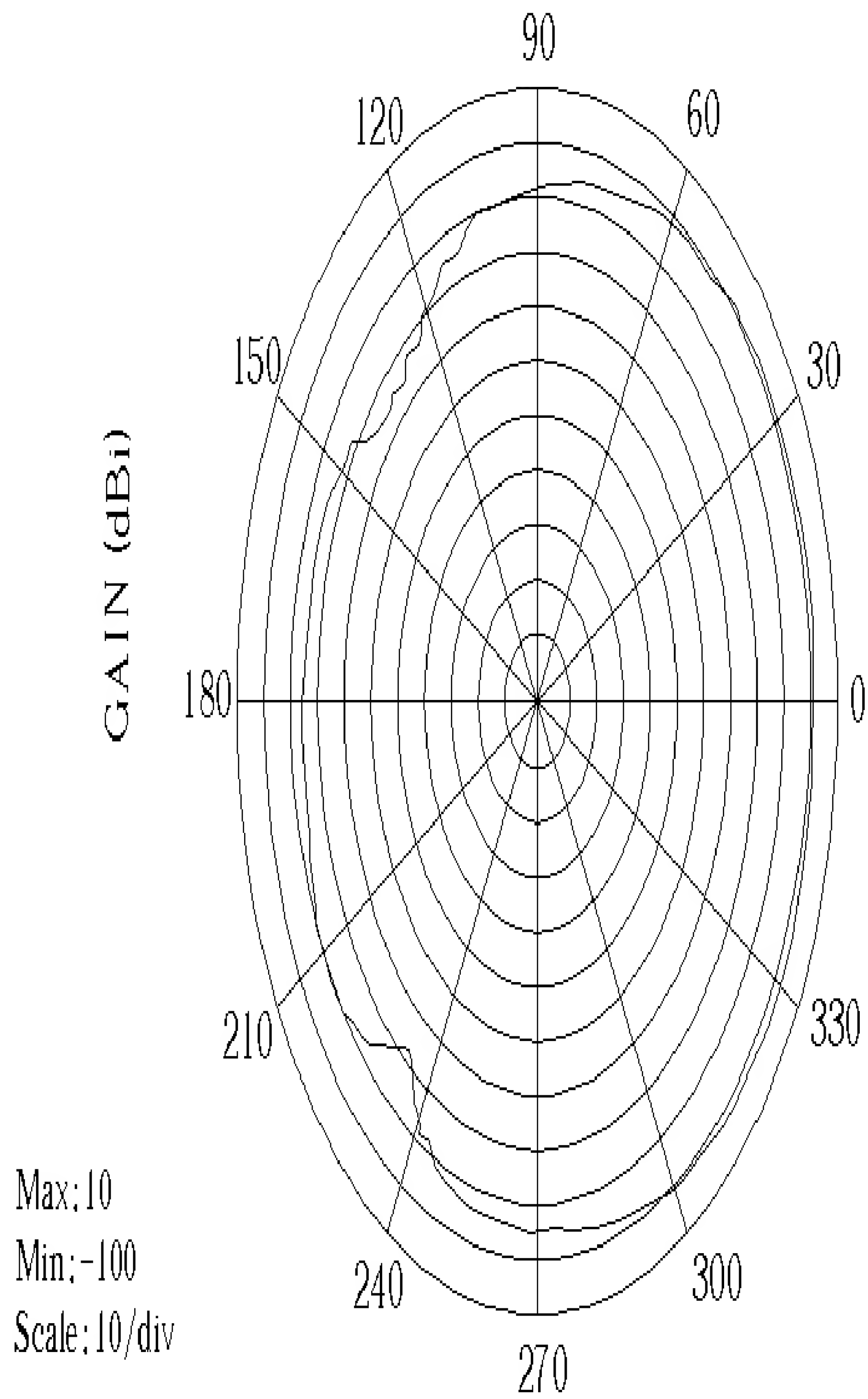


Fig. 14

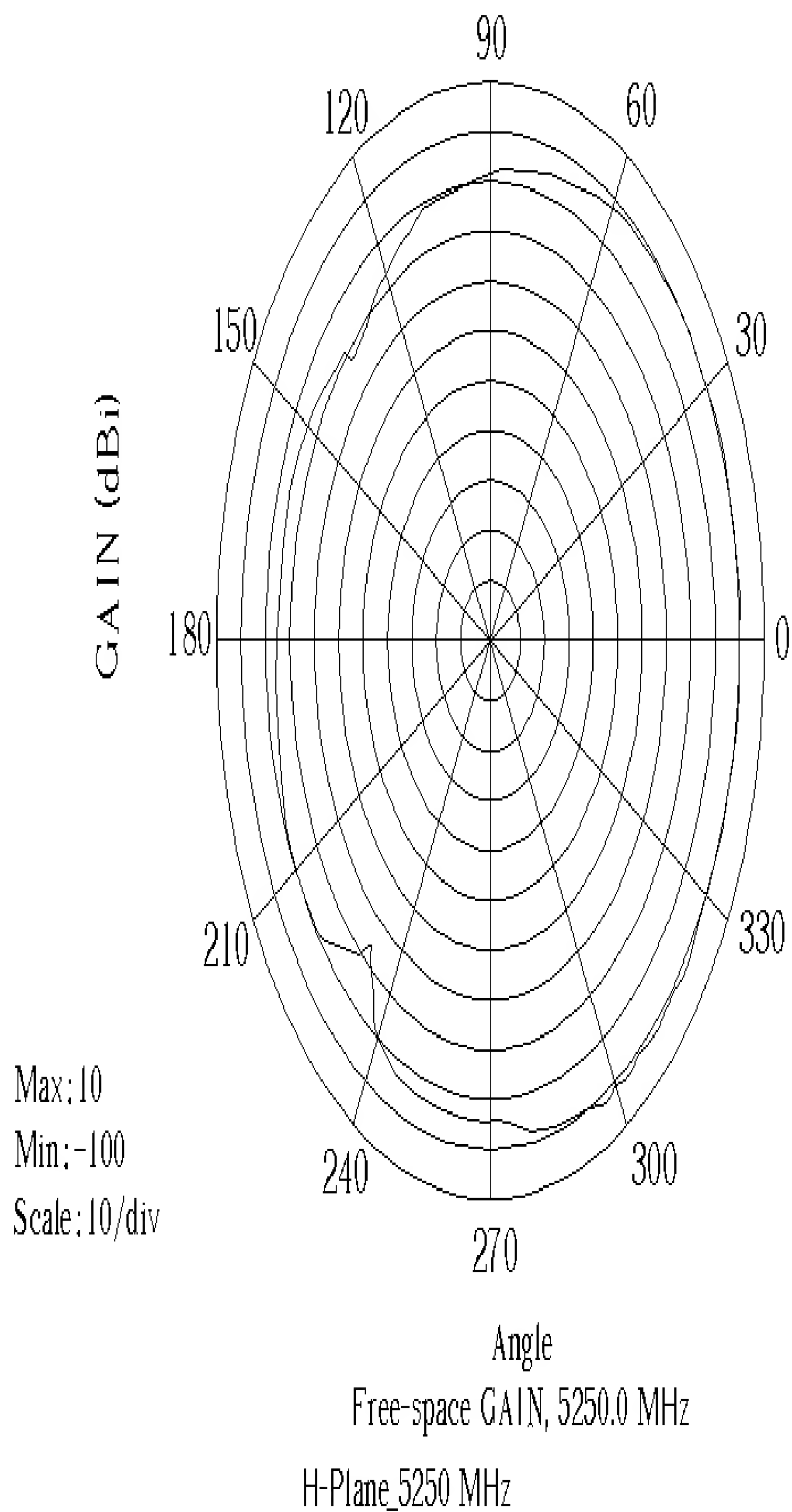
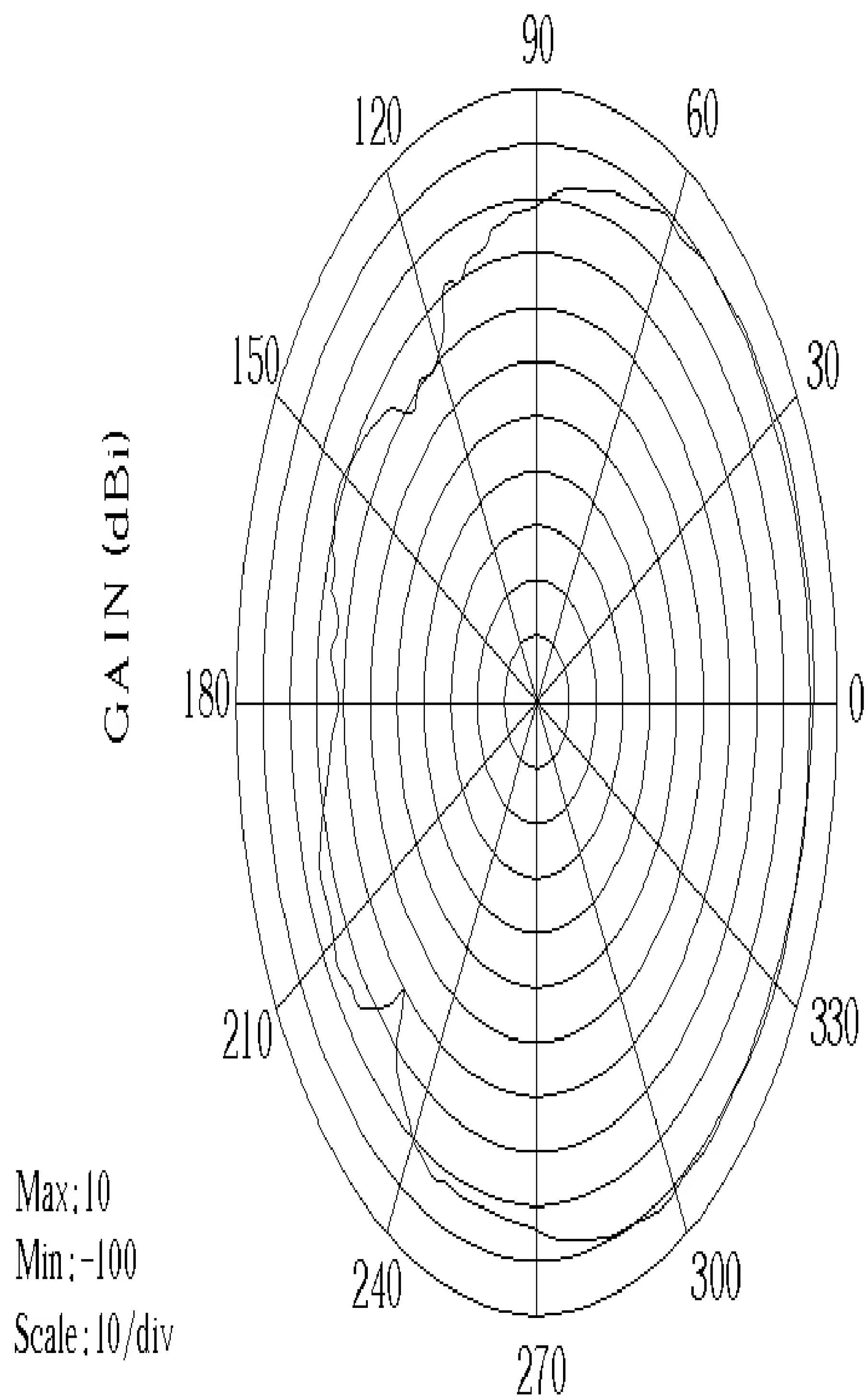


Fig. 15



Max: 10

Min: -100

Scale: 10/div

Angle

Free-space GAIN, 5350.0 MHz

H-Plane_5350 MHz

Fig. 16

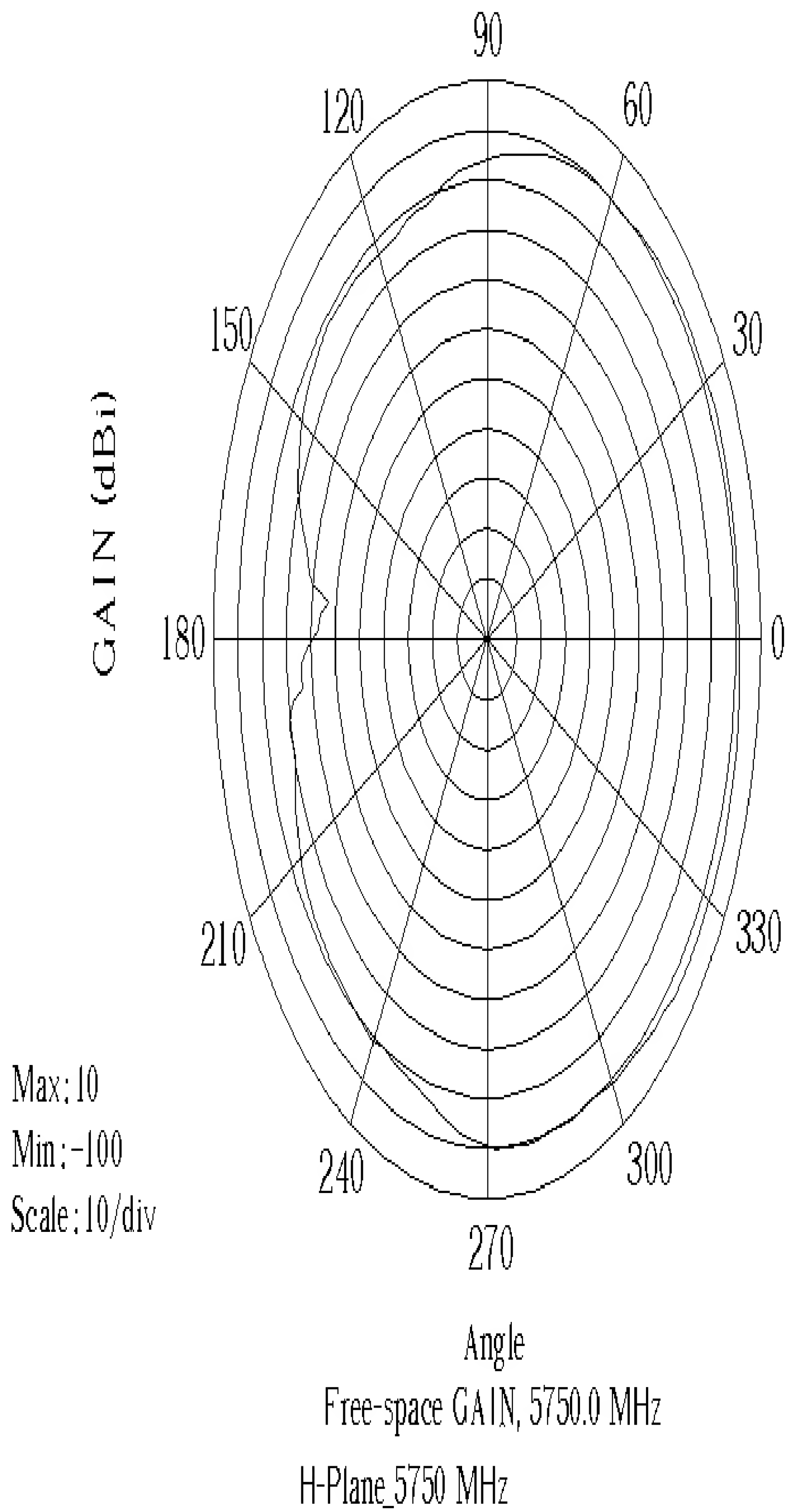


Fig. 17

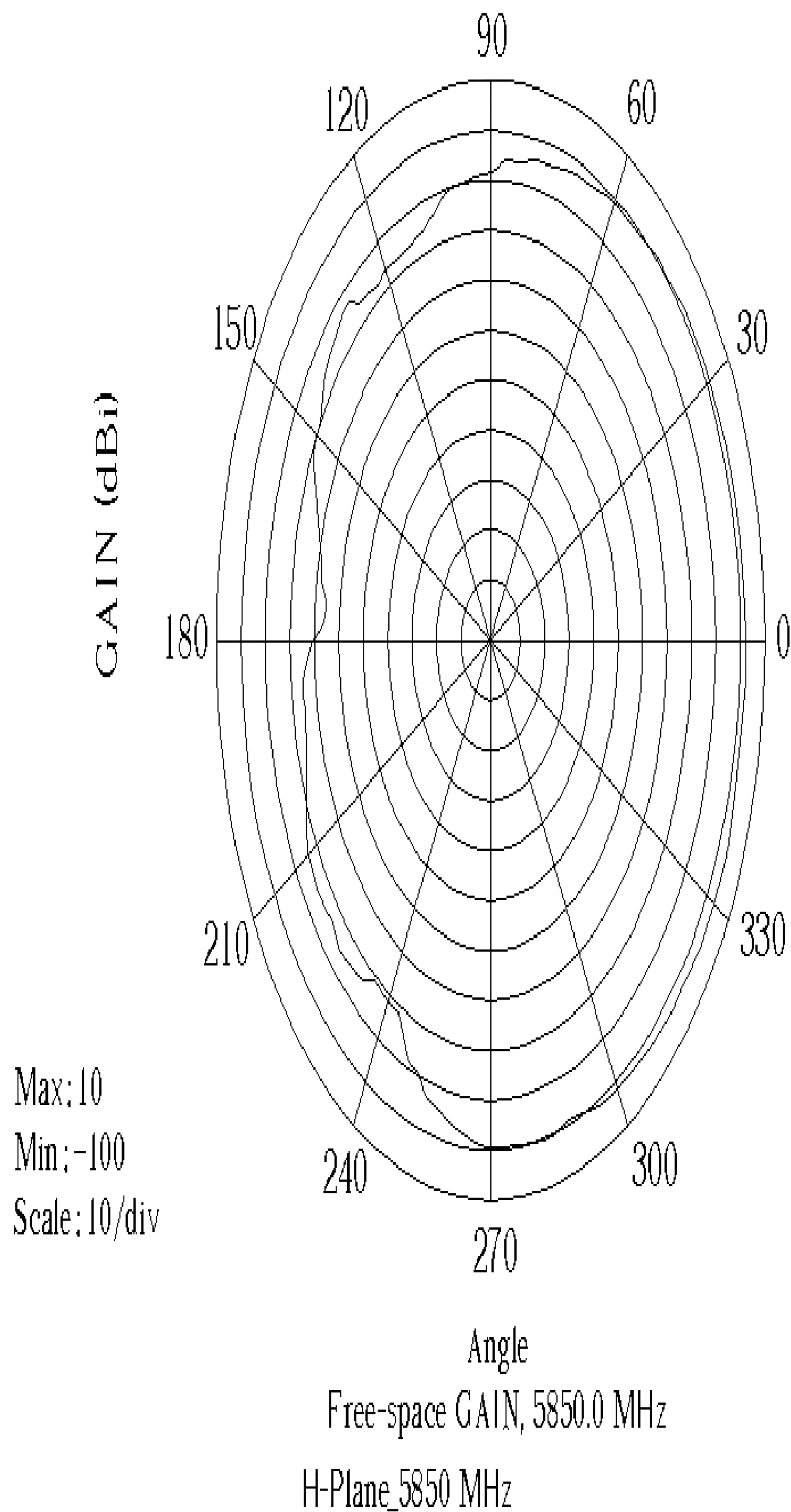


Fig. 18

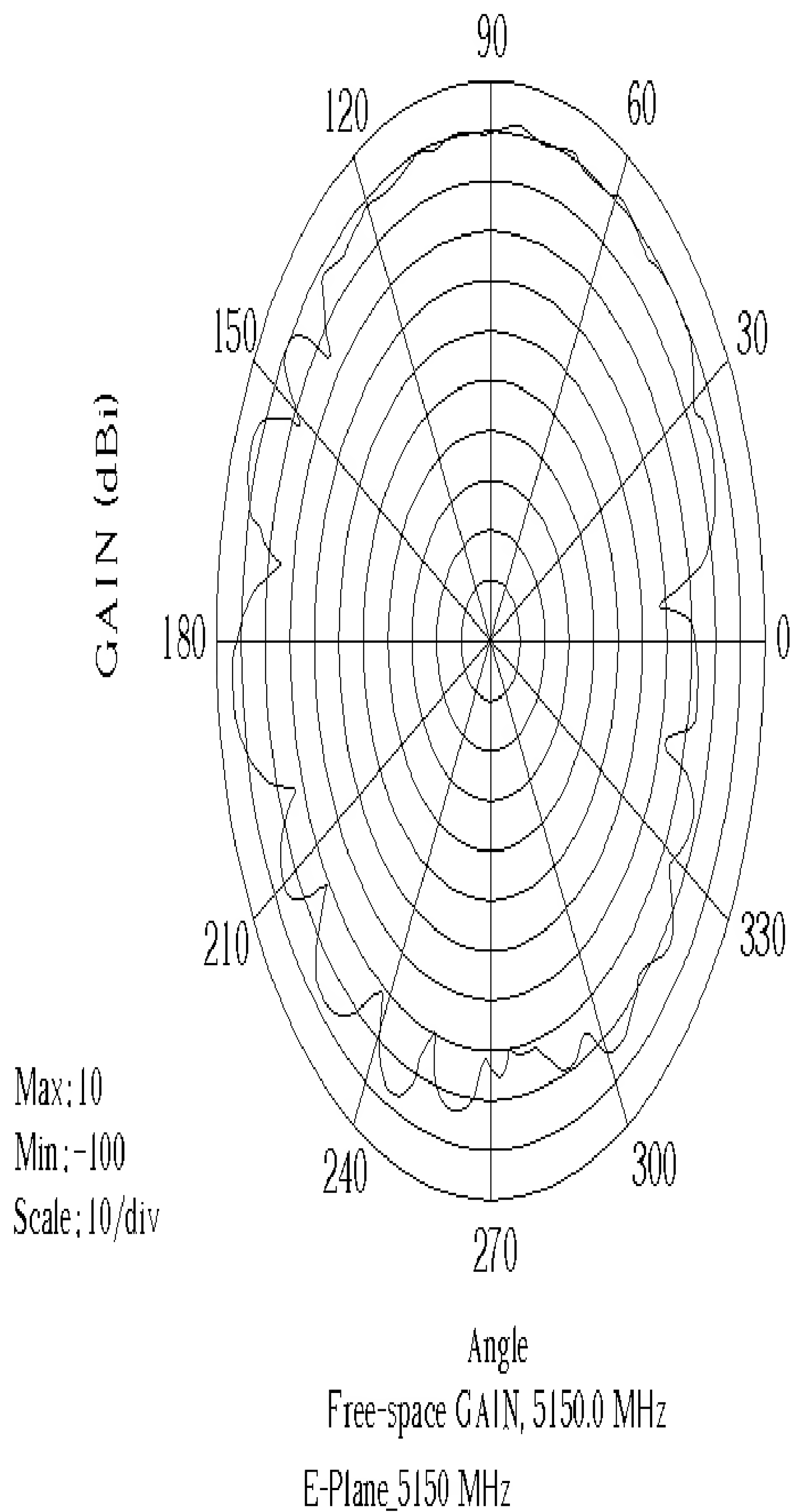


Fig. 19

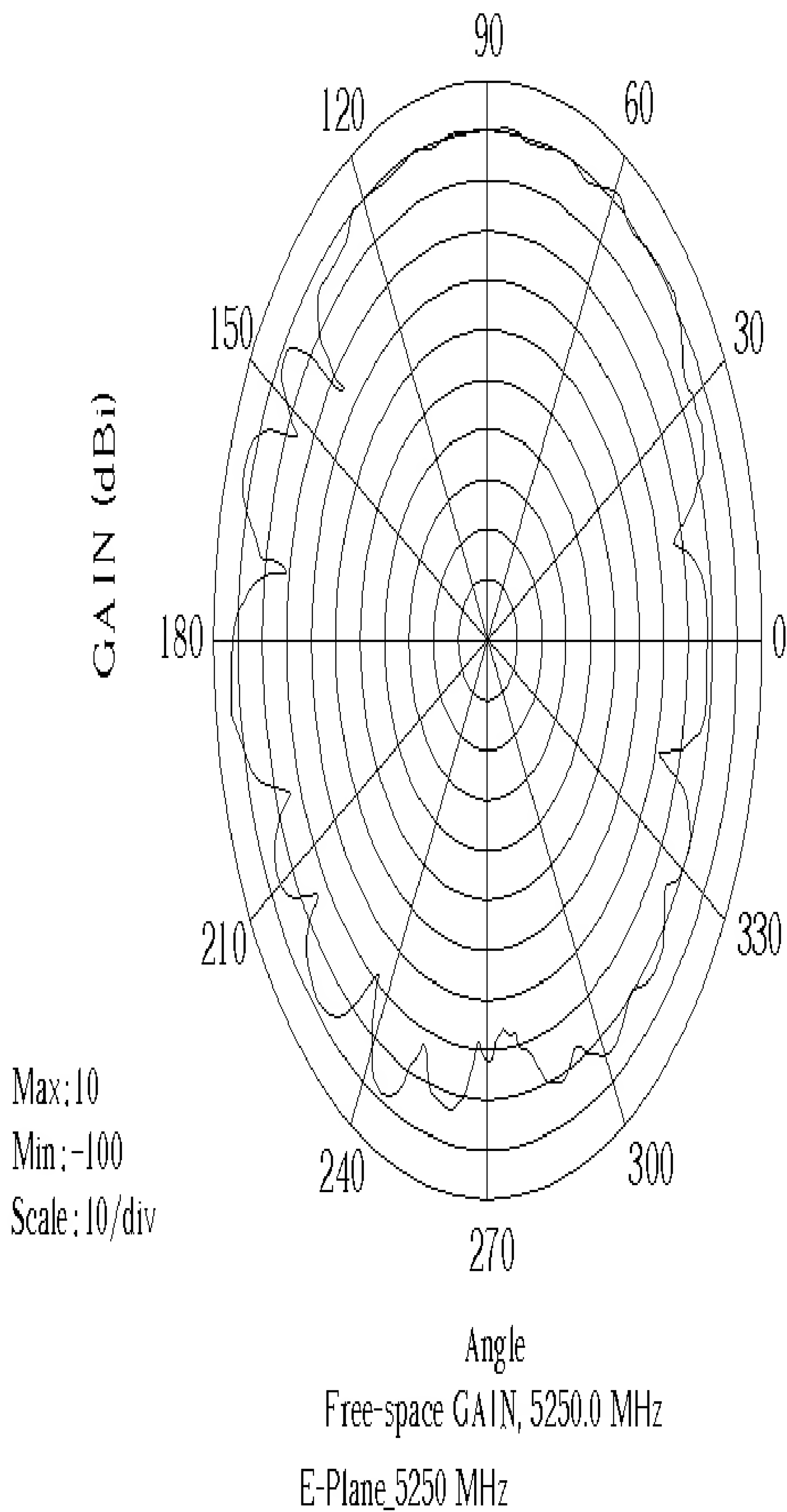


Fig. 20

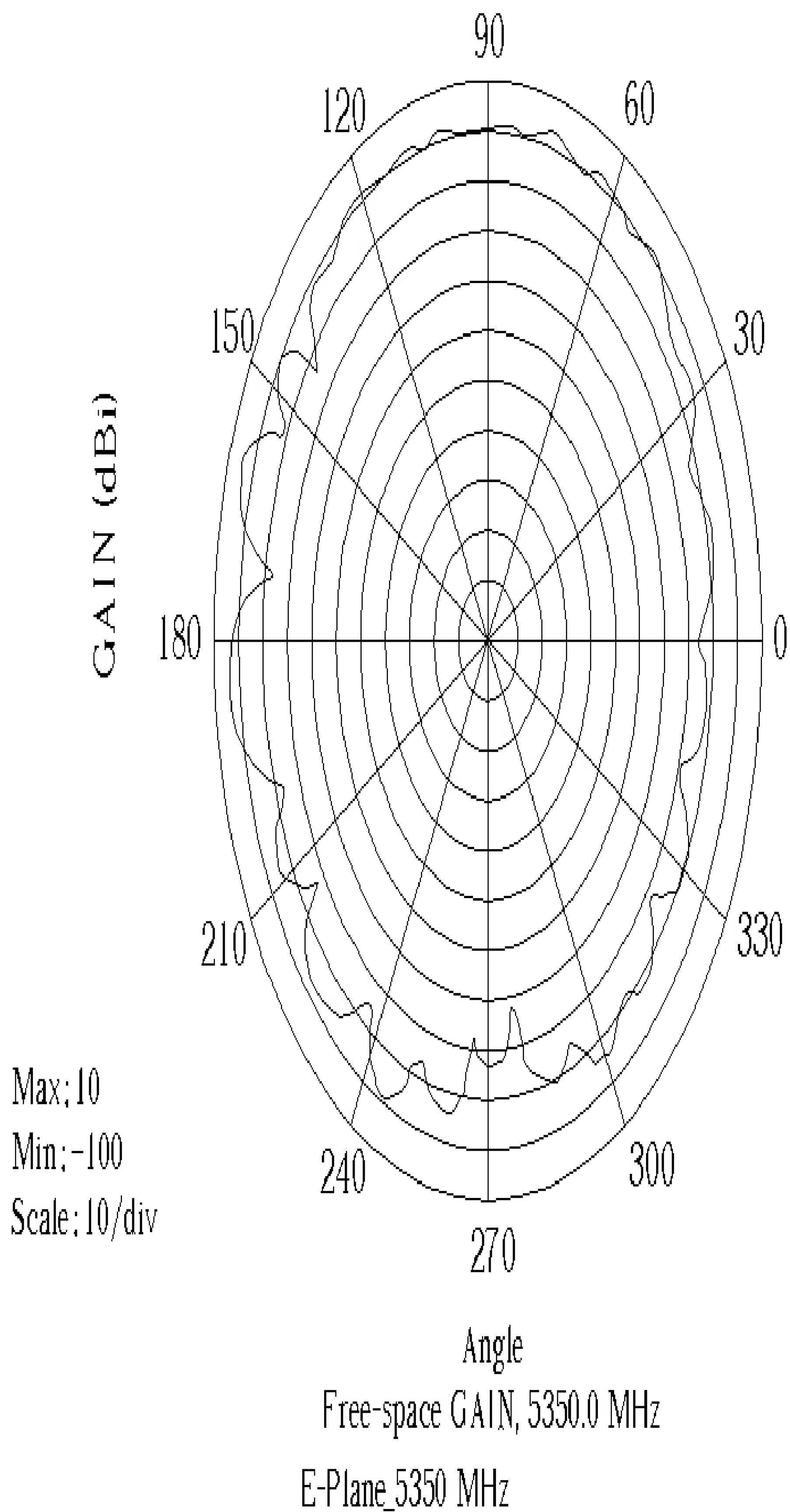
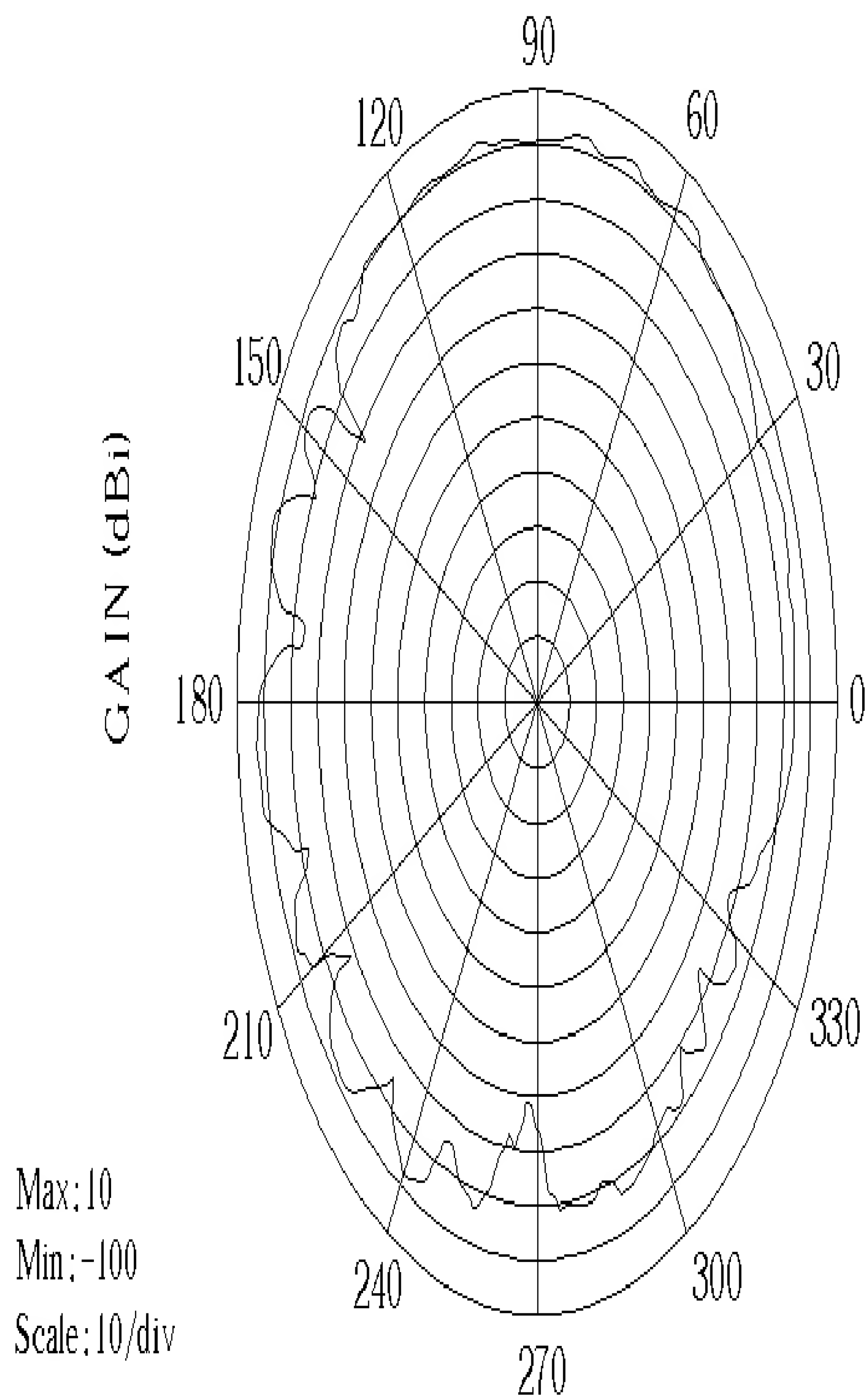


Fig. 21



Angle

Free-space GAIN, 5750.0 MHz

H-Plane_5750 MHz

Fig. 22

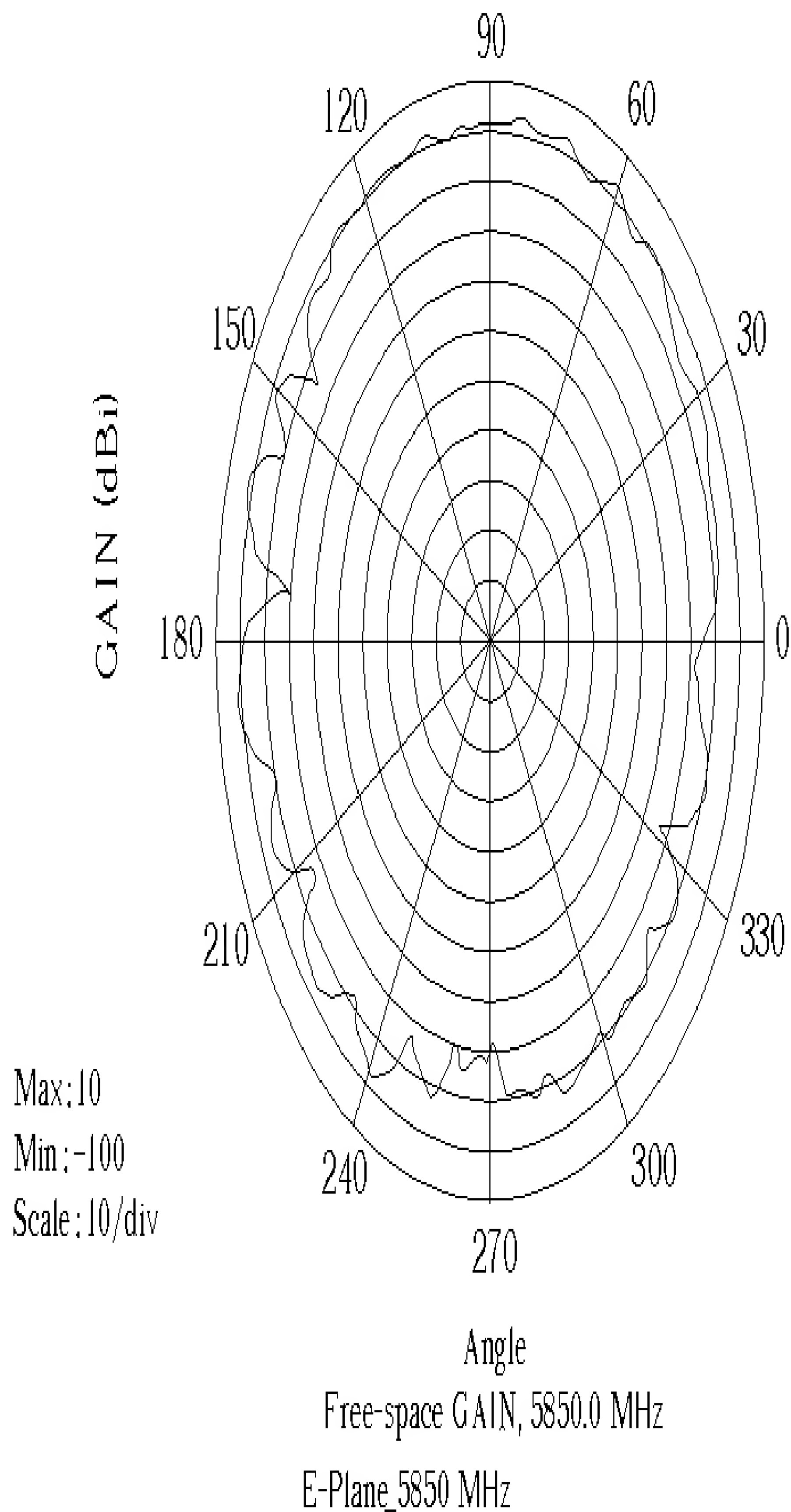


Fig. 23